Docket No.: 9988.087.00 Application No.: 10/720.681

Supplemental Amdt, dated May 30, 2007

Reply to Final Office Action dated September 20, 2006

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A washing machine control method comprising steps of:

detecting a first amount of laundry upon initiating a washing step;

determining a first water level based upon the first laundry amount upon initiating a

washing step:

supplying water to the washing machine up to the first water level after the first water

level is determined;

detecting a second amount of laundry after water is supplied to the washing machine[[,]];

determining a first wash pattern based upon the second laundry amount:

calculating a first differential between the first and second laundry amounts comparing

the first and second laundry amounts to determine a first differential; and

comparing the calculated first differential to a first predetermined value;

when if the first differential is greater than a the first predetermined value, detecting a

third amount of laundry;

calculating a second differential between the second and third laundry amounts; and

comparing the calculated second differential to a second predetermined value;

when the second differential is not greater than the second predetermined value,

determining a second water level and a second wash pattern based upon the third laundry amount

and adjusting the first water level and the first wash pattern to a-the second water level and a-the

second wash pattern based upon the third laundry amount.

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2. (Previously Presented) The method as claimed in claim 1, wherein the detected first

laundry amount is dry and the detected second and third laundry amounts are wet.

3. (Currently Amended) The method as claimed in claim 1, further comprising the step

of:

performing the washing step according to using the first water level and according to the

first wash pattern, if when the first differential is not greater than the first predetermined value.

4. (Currently Amended) The method as claimed in claim 1, further comprising the step

steps of:

comparing the second and third detected laundry amounts to determine a second

differential;

re-detecting the third laundry amount, if when the second differential is greater than a the

second predetermined value;

if the second differential is not greater than the second predetermined value, performing a

washing step according to the second water level and the second wash pattern.

5. (Previously Presented) The method as claimed in claim 4, further comprising the step

of:

displaying an error message if said re-detecting is repeated a predetermined number of

times.

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detecting an amount of laundry in the washing machine a first time <u>upon initiating a</u> washing operation;

determining a first water level based upon the amount of laundry detected the first time;

supplying water to the washing machine up to the first water level after determining the

first water level;

after water is supplied to the washing machine, detecting the amount of laundry a second time:

calculating a first differential <u>between the amount of laundry detected the first time and</u>
the amount of laundry detected the second time <u>based upon the amount of laundry detected the</u>
first time and second time: and

comparing the first differential to a first predetermined value;

detecting the amount of laundry a third time, if when the first differential is greater than a the first predetermined value, detecting the amount of laundry a third time;

calculating a second differential between amount of laundry detected the second time and the amount of laundry detected the third time; and

comparing the second differential to a second predetermined value;

when the second differential is not greater than the second predetermined value, determining a second water level based upon the amount of laundry detected the third time and adjusting the water level to the second water level based upon the amount of laundry detected the third time.

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7. (Currently Amended) The method according to claim 6, further comprising: performing [[a]] the washing operation using the determined first water level if when the first differential is less than or equal to the first predetermined value.

- 8. (Canceled)
- 9. (Canceled)
- 10. (New) The method as claimed in claim 1, further comprising the step of: performing the washing step according to the second water level and the second wash pattern, when the second differential is not greater than the second predetermined value.
- 11. (New) The method as claimed in claim 6, further comprising the step of: performing the washing operation using the second water level when the second differential is not greater than the second predetermined value.